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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/769,835		02/02/2004	Srinath Krishnan	039153-0694 9075 EXAMINER		
26371	7590	09/08/2005				
FOLEY &			MENZ, DOUGLAS M			
777 EAST V SUITE 3800	777 EAST WISCONSIN AVENUE			ART UNIT .	PAPER NUMBER	
		53202-5308		2891 DATE MAILED: 09/08/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

<u> </u>				14			
		Application No.	Applicant(s)				
		10/769,835	KRISHNAN, SRINATH				
On	fice Action Summary	Examiner	Art Unit				
	•	Douglas M. Menz	2891				
- The I	MAILING DATE of this communication app ly	ears on the cover sheet with th	he correspondence address				
WHICHEVE - Extensions of the after SIX (6) M - If NO period for Failure to reply Any reply rece	NED STATUTORY PERIOD FOR REPLY IR IS LONGER, FROM THE MAILING DAITING THE MAILING DAITINE MAY IT IN THE MAILING DAITINE MAY IT IN THE MAILING DAITINE MAY IT IN THE MAILING DAITINE MAILING TO THE MAILING THE MAI	ATE OF THIS COMMUNICAT 66(a). In no event, however, may a reply to fill apply and will expire SIX (6) MONTHS cause the application to become ABAND	TION. De timely filed from the mailing date of this communication. ONED (35 U.S.C. § 133).				
Status			•				
1)∐ Respo	onsive to communication(s) filed on	_•					
2a)∏ This a	action is FINAL . 2b) ☐ This	action is non-final.					
3)☐ Since	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed	d in accordance with the practice under E	x parte Quayle, 1935 C.D. 11	, 453 O.G. 213.				
Disposition of	Claims						
4)⊠ Claim	(s) <u>1-20</u> is/are pending in the application.						
4a) Of	the above claim(s) is/are withdraw	vn from consideration.					
5)∭ Claim	(s) is/are allowed.						
6)☐ Claim	(s) is/are rejected.						
·	(s) is/are objected to.	5					
8)⊠ Claim	(s) <u>1-20</u> are subject to restriction and/or e	election requirement.					
Application Pa	pers						
9)∏ The sp	pecification is objected to by the Examiner	۲.					
10)☐ The dra	awing(s) filed on is/are: a)☐ acce	epted or b) objected to by the	he Examiner.				
Applica	ant may not request that any objection to the o	drawing(s) be held in abeyance.	See 37 CFR 1.85(a).				
Replac	cement drawing sheet(s) including the correcti	on is required if the drawing(s) is	objected to. See 37 CFR 1.121(d).				
11) <u></u> The oa	ath or declaration is objected to by the Exa	aminer. Note the attached Of	fice Action or form PTO-152.				
Priority under 3	35 U.S.C. § 119						
12)∐ Acknov a)∐ All	wledgment is made of a claim for foreign b) Some * c) None of:	priority under 35 U.S.C. § 119	9(a)-(d) or (f).				
1.	Certified copies of the priority documents	have been received.					
2.	Certified copies of the priority documents	have been received in Appli	cation No				
3. 🗌	Copies of the certified copies of the priori	ity documents have been rec	eived in this National Stage				
	application from the International Bureau						
* See the	attached detailed Office action for a list of	of the certified copies not rece	∍ived.				
Attachment(s)	orangon Cited (BTO 802)	A) 🗆 Jakain da 2	(DTO 442)				
	erences Cited (PTO-892) ftsperson's Patent Drawing Review (PTO-948)	4) Interview Summ Paper No(s)/Ma					
3) Information D	pisclosure Statement(s) (PTO-1449 or PTO/SB/08) Mail Date	5) Notice of Inform 6) Other:	nal Patent Application (PTO-152)				

DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- Claims 1-16, drawn to a method of manufacturing, classified in class 438, subclass 218.
- Claims 17-20, drawn to an integrated circuit, classified in class 257, subclass 499.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product as claimed can be made by another and materially different process. For instance, there is a wide variety of materially different processes to form trenches in substrates which involve various masking and etching techniques.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

This application contains claims directed to the following patentably distinct species of the claimed invention:

Application/Control Number: 10/769,835

Art Unit: 2891

Group I contains the following patentable distinct species:

Species IA, claims 1-8, directed to a method of manufacturing an integrated circuit having trench isolation regions in a substrate.

Species IB, claims 9-16, directed to a method of forming trench isolation liners in a CMOS IC.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record

Art Unit: 2891

showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas M. Menz whose telephone number is 571-272-1877. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Baumeister can be reached on 571-272-1722. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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